MANDEL & ADRIANO

INTELLECTUAL PROPERTY ATTORNEYS

572 EAST GREEN STREET, SUITE 203 PASADENA, CALIFORNIA 91101 PHONE 626/395-7801 FAX 626/395-0694

FACSIMILE TRANSMISSION

To: Office of Initial Patent Examination

Title:

Institution: United States Patent and Trademark Office

Group Art Unit: 1644

U.S. Serial No.: 10/616,279 Facsimile No.: (571) 273-8300

Total No. of pages: 19

From: SaraLynn Mandel Date: March 27, 2008

Dkt. No.: 30852.13USD1

Certificate under 37 C.F.R. §1.8: I hereby certify that this paper and the attachments herewith are being deposited by facsimile with the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 27, 2008.

Renato Marco P. Domingo

This facsimile message is confidential and may contain attorney privileged information intended only for the use of the individual or company named above. If the reader is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, so that we may arrange for the return of the original message to us. If you do not receive all of the pages, please contact us at any of the numbers provided above.

DKT. NO.: 30852.13USD1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Richard Harkins et al.

Serial No.:

10/616,279

Patent No.:

7,307,154

Filed:

July 8, 2003

Issued:

December 11, 2007

Title:

DNA ENCODING A NOVEL RG1 POLYPEPTIDE

572 East Green Street, Suite 203 Pasadena, California 91101 March 27, 2008

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

COMMUNICATION FORWARDING REVOCATION AND POWER OF ATTORNEY

This communication is forwarding a revocation and power of attorney in connection with the subject application. All future correspondence should be directed to the undersigned.

I hereby certify that this paper is being deposited by facsimile with the Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450.

Penata Marso P. Domina

Dota

Respectfully submitted,

SaraLynn Mandel

Registration No. 31,853

Sarah B. Adriano

Registration No. 34,470

Attorneys for Applicants

Mandel & Adriano

572 East Green Street, Suite 203

Pasadena, California 91101

(626) 395-7801

Customer No. 26,941

DKT NO.: 30852.13USD1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Richard Harkins et al.

U.S. Serial No.:

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DNA ENCODING A NOVEL RG1 POLYPEPTIDE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir.

REVOCATION AND POWER OF ATTORNEY

Please revoke any existing Powers of Attorney and appoint the following attorneys and/or patent agents to prosecute this application and/or patent and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

Sarah B. Adriano

Reg. No. 34,470

SaraLynn Mandel

Reg. No. 31,853

Please direct all correspondence in this application to Mandel & Adriano, 572 East Green Street, Suite 203, Pasadena, California 91101.

Respectfully submitted,

Date: March 20, 2008

Bayer Schering Pharma Aktiengesellschaft

ppa.

i v

Dr. Tanja Pintsch

Dr. Jürgen Kostrucha

Patents & Licensing

DKT. NO.: 30852.13USD1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. Serial No.:

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DNA ENCODING A NOVEL RG1 POLYPEPTIDE

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Bayer Schering Pharma Aktiengesellschaft, a corporation organized and existing under the laws of Germany, having a place of business at 178 Muellerstrasse, Berlin, Germany, D13342, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A	\boxtimes	An assignment from the inventor(s) of the related application, U.S. Serial No.
		09/732,357, filed December 7, 2000, now U.S. Patent No. 6,682,902. The subject
		application is a divisional application of U.S. Serial No. 09/732,357, filed
		December 7, 2000. Therefore, the subject application is subject to the same
		assignment as the parent application, U.S. Serial No. 09/732,357. The assignment
	. ,	for U.S. Serial No. 09/732,357 was recorded in the Patent and Trademark Office
	•	on October 12, 2001, at Reel 012285, Frame 0805 (copy attached as Exhibit 1).
3.		A chain of title from the inventor(s) of the patent application identified above to
		the current assignee as shown below:
	1.	From: To:
		The document was recorded in the Patent and Trademark Office at Reel ,
	•	Frame(s) , or for which a copy thereof is attached.
	2.	From: To:

The document was recorded in the Patent and Trademark Office at Reel Frame(s) or for which a copy thereof is attached.

- 3. From: To: The document was recorded in the Patent and Trademark Office at Reel , or for which a copy thereof is attached.
- Additional documents in the chain of title are listed on a supplemental sheet.
- \boxtimes Copies of assignments or other documents in the chain of title are attached (Exhibit 2). Specifically, Exhibit 2 shows the name change from Schering Aktiengesellschaft to Bayer Schering Pharma Aktiengesellschaft.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignec.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: March 20, 2008

Bayer Schering Pharma Aktiengesellschaft

ppa.

Dr. Tanja Pintsch

Patents & Licensing

Dr. Jürgen Kostrucha Patents & Licensing

EXHIBIT 1



JANUARY 09, 2002

PTAS

Chief Financial Officer and Chief Administrative Officer Washington, DC 20231 www.uspto.gov

BERLEX BIOSCIENCES
WENDY L. WASHTIEN, PH.D.
LEGAL DEPARTMENT
15049 SAN PABLO AVENUE, P.O. BOX 4099
RICHMOND, CALIFORNIA 94804-0099



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/12/2001

REEL/FRAME: 012285/0805

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HARKINS, RICHARD

DOC DATE: 02/09/2001

ASSIGNOR:

PARKES, DEBORAH

DOC DATE: 02/09/2001

ASSIGNOR:

PARRY, GORDON

DOC DATE: 02/15/2001

ASSIGNOR:

SCHNEIDER, DOUGLAS W.

DOC DATE: 02/15/2001

ASSIGNOR:

STEINBRECHER, RENATE

DOC DATE: 02/21/2001

ASSIGNEE:

PATENT NUMBER:

SCHERING AKTIENGESELLSCHAFT BERLIN, FED REP GERMANY

SERIAL NUMBER: 09732357

132351

FILING DATE: 12/07/2000

ISSUE DATE:

012285/0805 PAGE 2

MARY BENTON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

MAR-27-2008 THU 11:28 AM

FAX NO.

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P. 09/19

FORM PTO-1595 RE	10-30-2001	U.S. Department of Commerce .
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		Patent and Tredemark Office
To the Honorable Commission		strached original documents or convibereof.
1. Name of conveying party(ies):	TO LODBOOK	reme and address of receiving party(ies)
Richard HARKINS, Deborah PARKES, G Douglas W. SCHNEIDER and Renate S		Name: Schering Aktiengesellschaft
_		Internal Address:
Additional name(s) of conveying party(ies) attached?		
10-	12-2)	
3. Nature of conveyance:		
■ Assignment □ Merger		Street Address:
☐ Security Agreement ☐ Change	e of Name	
Other		City: Berlin Country Germany
Execution Date: February 9, 2001, February 15 February 21, 2001.	i, 2001 and	Additional name(s) & address(es) attached? ☐Yes ■ No
 Application number(s) or patent number If this document is being filed together with 	er(s): n a new application, t	the execution date of the application is:
A. Patent Application No.: 09/732,357	B.	. Patent No.(s)
Additio	nal numbers attact	hed? □Yes ■ No
Name and address of party to whom corre concerning document should be mailed:	spondence 6.	Total number of applications and patents involved: 1
Name: Wendy L. Washtien, Ph.D.	7.	Total fee (37 CFR 3.41) \$40.00
Internal Address: Legal Department		☐ Enclosed
Berlex Biosciences		Authorized to be charged to deposit account
		·
Street Address: 15049 San Pablo Avenue	8.	Deposit account number:
P.O. Box 4099		02-2117
City: Richmond State: California ZIP: 948	04-0099	. •
	DO NOT USE TH	IIS SPACE
9. Statement and signature:		
To the best of my knowledge and belief, the for Wendy L. Washtien	oregoing information	is true and correct. 1. Wanthar Oct 8, Zeo 1
Name of Person Signing	Sigf	hature Date
		et, attachments and document: 5
		ulred cover sheet information to: : Assignment, Washington, D.C. 20231
, Commissioner of Pate	unu maannans, DUX	r commony recoming on store court

ASSIGNMENT

Attorney Case No. 51791AUSM1

Whereas, we, Richard HARKINS, Deborah PARKES, Gordon PARRY, Douglas W. SCHNEIDER, and Renate STEINBRECHER, of Alameda, California, Hayward, California, Walnut Creek, California, Lafayette, California and Walnut Creek, California, respectively, have invented certain new and useful improvements (the invention) in

DNA ENCODING A NOVEL RG1 POLYPEPTIDE

which is described in an application for Letters Patent of The United States of America filed on 07 December 2000;

and whereas, Schering Aktiengesellschaft, having an address at Berlin, Germany, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefore from the United States:

Now, therefore, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Richard HARKINS, Deborah PARKES, Gordon PARRY, Douglas W. SCHNEIDER and Renate STEINBRECHER, do hereby assign, sell and transfer unto Schering Aktiengesellschaft, for the territory of The United States of America and for all foreign countries, the full and exclusive right, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, as fully set forth and described in the specification of the application for Letters Patent of the United States executed by us or in any continuation, division, reissue, reexamination or extension thereof and any legal equivalent thereof in a country foreign to the United States of America; said invention, application(s) and Letters Patent(s) to be held and enjoyed by Schering Aktiengesellschaft, for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

This assignment is effective as of 16 December 1999.

In witness whereof, we, Richard HARKINS, Deborah PARKES, Gordon PARRY, Douglas W. SCHNEIDER and Renate STEINBRECHER, have signed and dated this Assignment.

Date

Richard H

Renate STEINBRECHER

CALIFORNIA ALL-PURPUSE ACKNOWLEDGMENT

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portaniany appeared	Name(s) of Signer(s)
personally known to me - OR - proved to	me on the basis of satisfactory evidence to be the person(s)
·	whose name(s) is/are subscribed to the within instrument
	and acknowledged to me that ho/she/they executed the same in his/her/their authorized capacity(ies), and that by
and the section of th	his/her/their signature(s) on the instrument the person(s),
CAROLE J. SMITH Commission # 1203625	or the entity upon behalf of which the person(s) acted, executed the instrument.
Notary Public - California	executed the institution.
My Corrin. Expires Dec 3, 2002	WITNESS my hand and official seal.
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	Carole John the
	Signature of Notary Public
	OPTIONAL
Though the information below is not required by law, it m fraudulent removal and rea	nay prove valuable to persons relying on the document and could prevent ttachment of this form to another document.
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Description of Attached Document	
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Title or Type of Document: Talent (acceptment SI791AUSMI
Document Date: Deganher 16,	1999 Number of Pages:
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Signer's Name: Individual Corporate Officer Title(s): Partner — Limited General Attorney-in-Fact Trustee	☐ Individual ☐ Corporate Officer Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney-in-Fact ☐ Trustee ☐ Guardian or Conservator ☐ Guardian or Signer
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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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<i>a</i>	
State of California	
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On 7 emay 15, 2001 befor	ore me, Carole J. Ameta, Lattery Cubl
personally appeared Saulon Pa	Name and fille of Onicer (e.g., "Jane Box, Notery Public")\/
personally appeared	Name(s) of Signer(s)
personally known to me - OR - proved	dite me on the basis of satisfactory evidence to be the person(s)
	whose name(s) is/are subscribed to the within instrument
·	and acknowledged to me that-he/she/they executed the same in his/her/their authorized capacity(ies), and that by
	his/her/their signature(s) on the instrument the person(s),
CAROLE J. SMITH	or the entity upon behalf of which the person(s) acted,
Commission # 1203625	executed the instrument.
Notory Public - California Contra Costa County	WITNESS my hand and official seal.
My Comm. Expires Dec 3, 2002	
	Chisle Anoth
·	Signature of Notary Public
	- OPTIONAL
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Document Date: Denember 16, Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s Signer's Name: Individual Corporate Officer Title(s): Partner — _ Limited _ General Attorney-in-Fact	Number of Pages: Signer's Name:
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Document Date: Denember 16, Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s Signer's Name: Individual Corporate Officer Title(s): Partner Limited General Attorney-in-Fact Trustee Guardian or Conservator Other: Top of thu	Signer's Name: Individual Corporate Officer Title(s): Partner — Limited General Attorney-in-Fact Trustee Guardian or Conservator GFSIGNER Top of thumb here

CALIFORNIA ALL-PUL. SE ACKNOWLEDGMENT

MAR-27-2008 THU 11:30 AM

State of California	
County of Gnotia Costa	
on Fillians 21 avail before	e me, Carole J. Sneth, Natary Erible
Cale	Name and Title of Officer (e.g., "Jane Don, Notary Public")
personally appeared Renate s	Name(s) of Signer(s)
√nerso nally known to me – OR – □ proved	to me on the basis of satisfactory evidence to be the person(
7	whose name(s) is/are subscribed to the within instrume
	and acknowledged to me that he/she/they executed the same in his/her/their-authorized capacity(ies), and that the
Section 1 and the section of the sec	his/her/their signature(s) on the instrument the person(s
CAROLE J. SMITH	or the entity upon behalf of which the person(a) acte
Commission # 1203625	executed the instrument.
Contra Costa County	WITNESS my hand and official seal.
My Comm. Expires Dec 3, 2002	With the training and official country
The state of the s	Charles of the contract
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Description of Attached Documer	
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Title or Type of Document:	Corporate Officer Title(s):
Title or Type of Document:	Consequent 51791 AUSM 1999 Number of Pages: Cushand Hanhers; Debrah Parkers Parry and Dangles W. Sohn Signer's Name: Individual Corporate Officer Title(s): Partner — Limited General
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Title or Type of Document:	Number of Pages: 1999 Number of Pages: 20 hard Harhers; Debruah Parkers Parry and Dangles W. Saknos Signer's Name: Individual Corporate Officer Title(s): Partner Limited General Attorney-in-Fact Trustee Guardian or Conservator Other: Top of thumb here

FAX NO.

P. 14/19

Case: 51791AUSM1

I hereby certify that this paper is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Box Assignments, Commissioner of Patents and Trademarks, Washington, D.C. 20231 on October 8, 2001

Carole J. Smith

Date of Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Harkins et al.:

Serial No. 09/732,357

Group Art Unit: 1653

Filed: December 7, 2000

Examiner: Not Yet Known

DNA ENCODING A NOVEL RG1 POLYPEPTIDE

Box Assignments Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

Transmitted herewith for filing in the above-entitled patent application is the following.

- 1. Recordation form cover sheet
- 2. Assignment
- 3. Return postcard

[X] **TOTAL FEE DUE**

Recordation Fee

\$40.00

TOTAL FEE DUE

\$40.00

Deposit Fee Authorization

Please charge \$40.00 to Deposit Account No. 02-2117 and charge any additional fees which may be required, or credit any overpayment to Account No. 02-2117. This is not, however, an authorization to pay the issue fee

Respectfully submitted,

Wendy C. Washtre Wendy L. Washtien

Patent Agent for Applicants

Reg. No. 36,301

Berlex Biosciences 15049 San Pablo Avenue P.O. Box 4099 Richmond, CA 94804-0099 (510) 262-5411Telephone (510) 262-7095 Facsimile

PATENT Case: 517 MAR 2 7 2008

I hereby certify that this paper is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Box Assignments, Commissioner of Palents and Trademarks, Washington, D.C. 20231 on October 8, 2001 Carole J. Smith Date of Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Harkins et al.:

Serial No. 09/732,357

Group Art Unit: 1653

Filed: December 7, 2000

Examiner: Not Yet Known

For:

DNA ENCODING A NOVEL RG1 POLYPEPTIDE

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Honorable Commissioner of Patents and Trademarks

Washington, D.C. 20231

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Transmitted herewith for filing in the above-entitled patent application is the following.

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Respectfully submitted,

Wenny C. Waster Wendy L. Washtien

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Date: UCT 8, 2001

EXHIBIT 2



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* G E I W E |

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020002/0816 PAGE 2

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SERIAL NUMBER: 10616279

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TITLE: DNA ENCODING A NOVEL RG1 POLYPEPTIDE

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